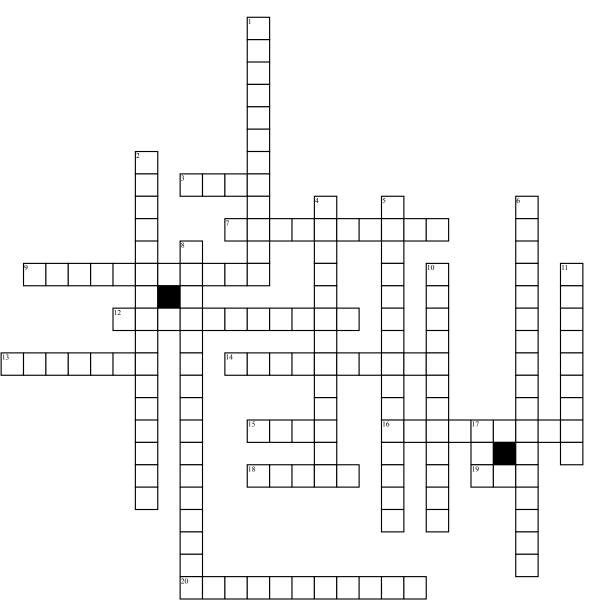# Linear Crossword Puzzle

Across

3. The y-intercept of the equation -y=2x-5

7. If the line of an equation is vertical, it has no...

9. What is the slope of a line that is perpendicular to the line that goes through (2,3) and (4,5)

12. The y-intercept for the line of the equation -5x-y=6

13. The slope of the parallel lines passing through the points (2,3), (4,4), (2,5) and (4,6

14. The line of the equation y=-2 does not have a(n)...

15. The slope of the line passing through the points (2,9) and (3,5)

16. The slope of the points (8,6) and (2,4)

18. Use the point slope formula to get the yintercept for the points (5,3) and (8,7)

19. The y-intercept of the equation x-y=-1

20. The slope of the line passing through the points (1,4) and (-2,10)

Down

1. Put the following equation in slope intercept form to find the y-intercept: 3x-5y=25

2. The y-intercept of the equation 5x-y=14

4. The y-intercept for the line of the equation -5x+2y=15

5. The slope of the points (8,5) and (2,7)

6. The slope of the equation -6x-4y=12

8. The slope of the points (9,-15) and (8,-2)

10. The y-intercept for the following equation:2x-4y=12

11. The slope for the equation 10x-7y=18

17. The slope of the equation 2x-y=13